

## **2003 STATE TOTAL DATA ANALYSIS/ TRENDS**

### **2002/2003 Trends**

The valuable contributions of Michigan law enforcement agencies are used to compile this annual report. To ensure that the Crime in Michigan annual report is indicative of actual crime trends, missing data is being estimated. The Michigan estimation procedure was adapted from the process used by the FBI. A full explanation of the methodology used to estimate is available in Appendix C.

#### **Estimated state totals show that from 2002 to 2003:**

Total Crime	-2.35%
Index Crime	-2.20%
Violent Crime (murder, rape, aggravated assault, robbery)	-5.31%
Property Crime (burglary, larceny, motor vehicle theft, arson)	-1.70%
Murder	-9.09%
Rape	+1.86%
Robbery	-4.95%
Aggravated Assault	-6.44%
Burglary	-4.11%
Larceny	-3.12%
Motor Vehicle Theft	+7.98%
Arson*	-3.77%

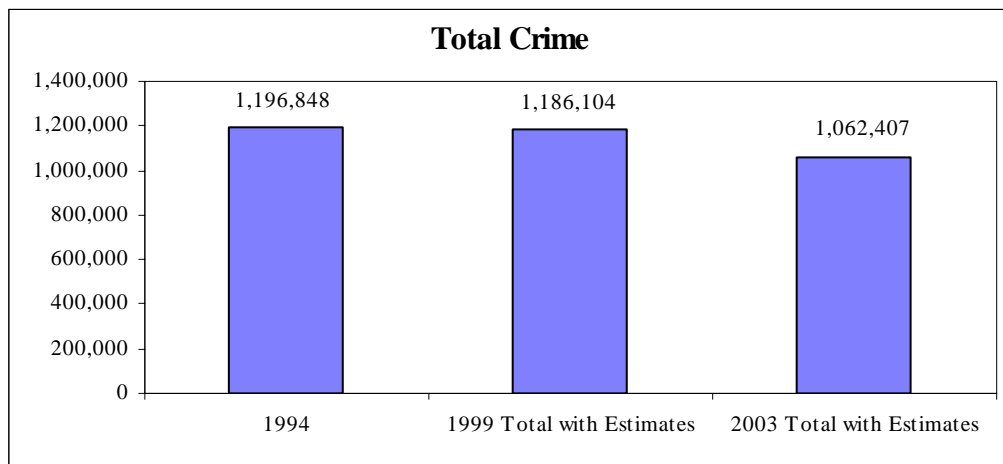
\*During an audit, it was discovered that some agencies were over reporting their Arson count. Therefore, those agency's arson counts were not included in this year's comparison.

## 2003 STATE TOTAL DATA ANALYSIS/ TRENDS

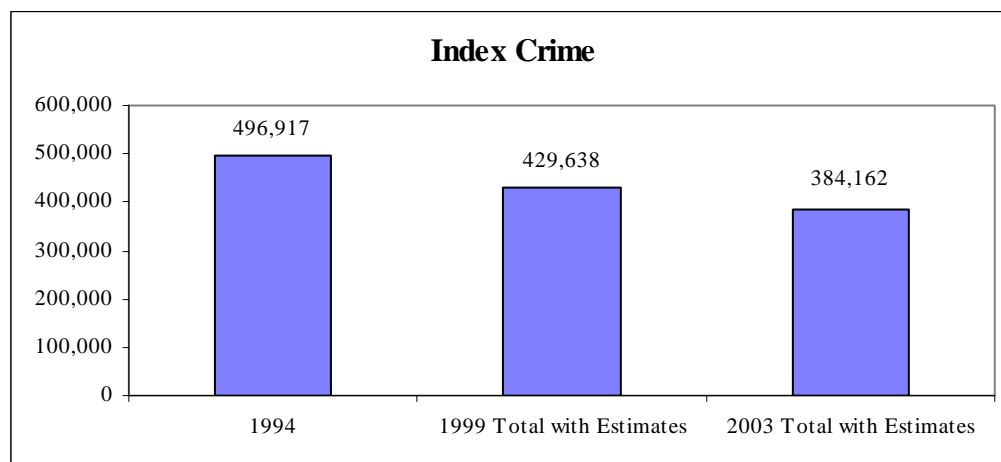
### Five and Ten Year Trends

State totals from the years 1995-2003 have been revised by estimating missing data. Years prior to 1995 were found to not have significant amounts of missing data, so actual reported data was used. Five year trends show the change between 1999-2003. Ten year trends show the change between 1994-2003.

**2003 Total Crime Rate = 10,689 per 100,000 or one crime per 9 Michigan residents**  
**Total Crime decreased 6% in the last five years and 11% in the last ten years**



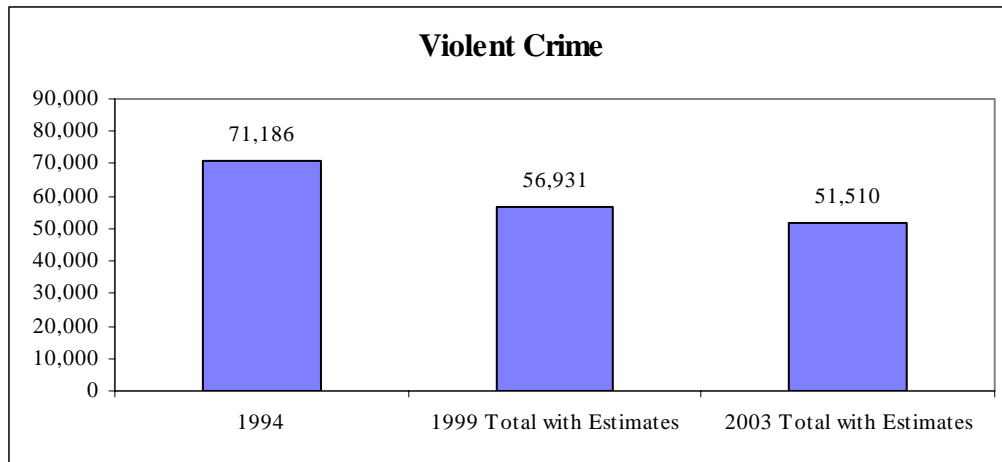
**2003 Index Crime Rate = 3,865 per 100,000 or one index crime per 26 Michigan residents**  
**Index Crime decreased 11% in the last five years and 23% in the last ten years**



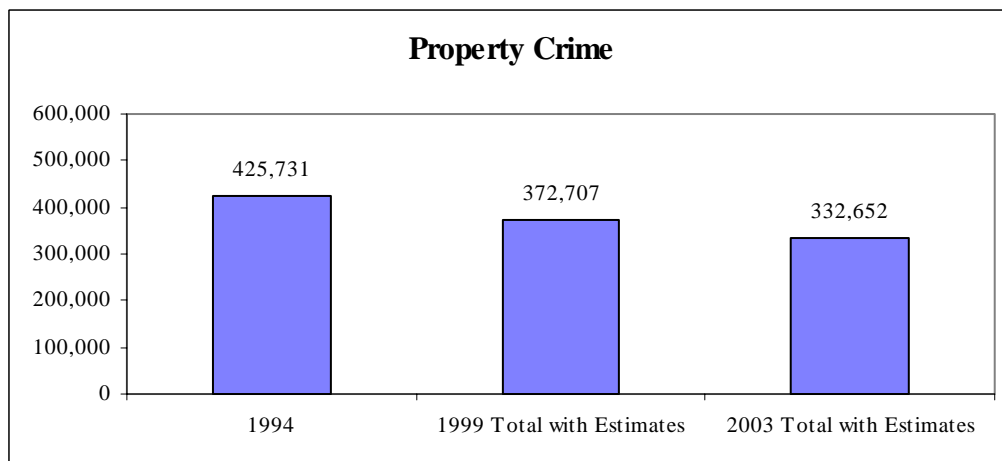
## 2003 STATE TOTAL DATA ANALYSIS/ TRENDS

### Five and Ten Year Trends

**2003 Violent Crime Rate = 518 per 100,000 or one violent crime per 193 Michigan residents**  
**Violent Crime decreased 10% in the last five years and 28% in the last ten years**



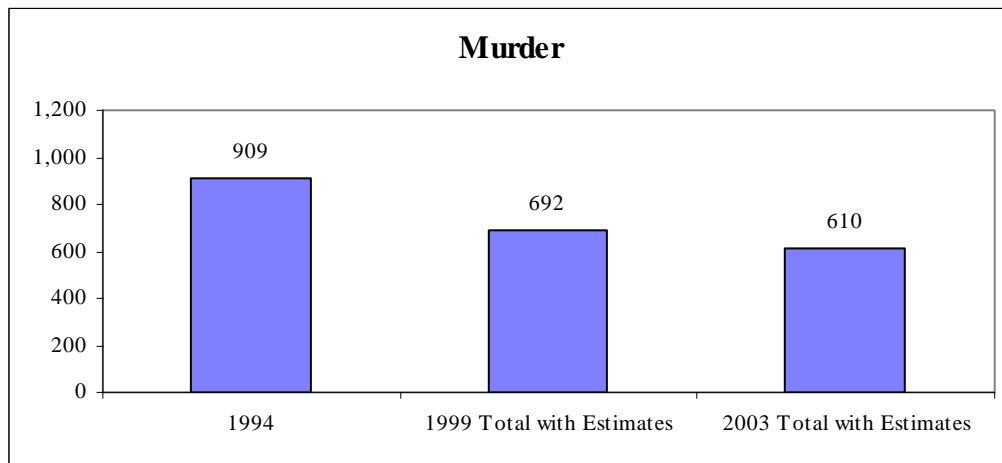
**2003 Property Crime Rate = 3,347 per 100,000 or one property crime per 30 Michigan residents**  
**Property Crimes decreased 11% in the last five years and 22% in the last ten years**



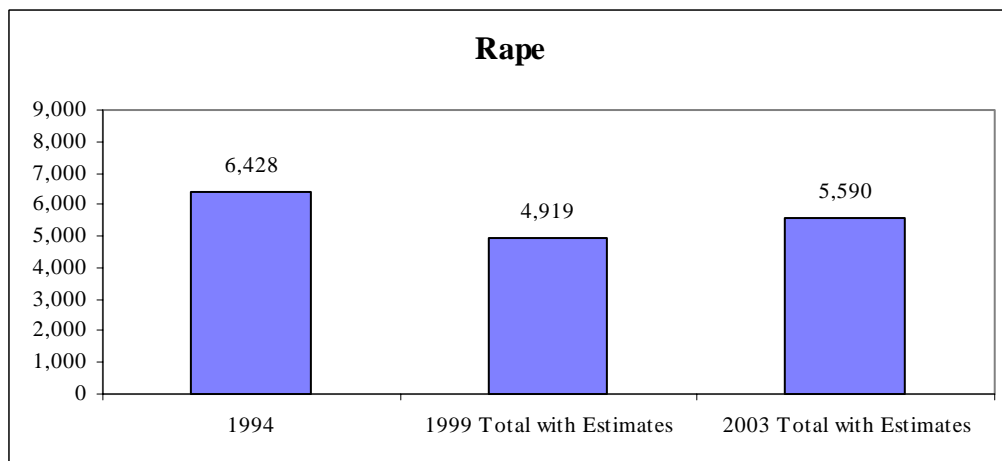
## 2003 STATE TOTAL DATA ANALYSIS/ TRENDS

### Five and Ten Year Trends

**2003 Murder Rate = 6 per 100,000 or one crime per 16,666 Michigan residents**  
**Murder decreased 12% in the last five years and 33% in the last ten years**



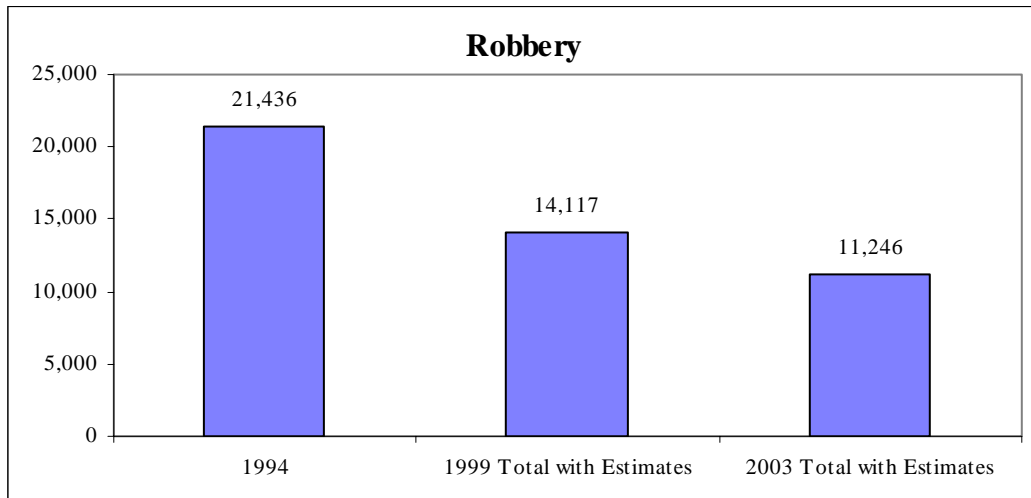
**2003 Rape Rate = 56 per 100,000 or one crime per 1,785 Michigan residents**  
**Rape increased 14% in the last five years and decreased 13% in the last ten years**



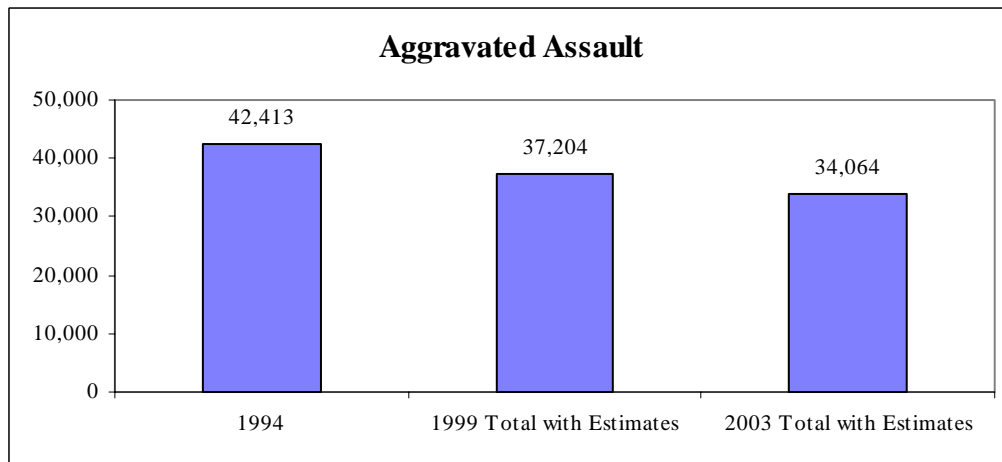
## 2003 STATE TOTAL DATA ANALYSIS/ TRENDS

### Five and Ten Year Trends

**2003 Robbery Rate = 113 per 100,000 or one crime per 885 Michigan residents**  
**Robbery decreased 20% in the last five years and 48% in the last ten years**



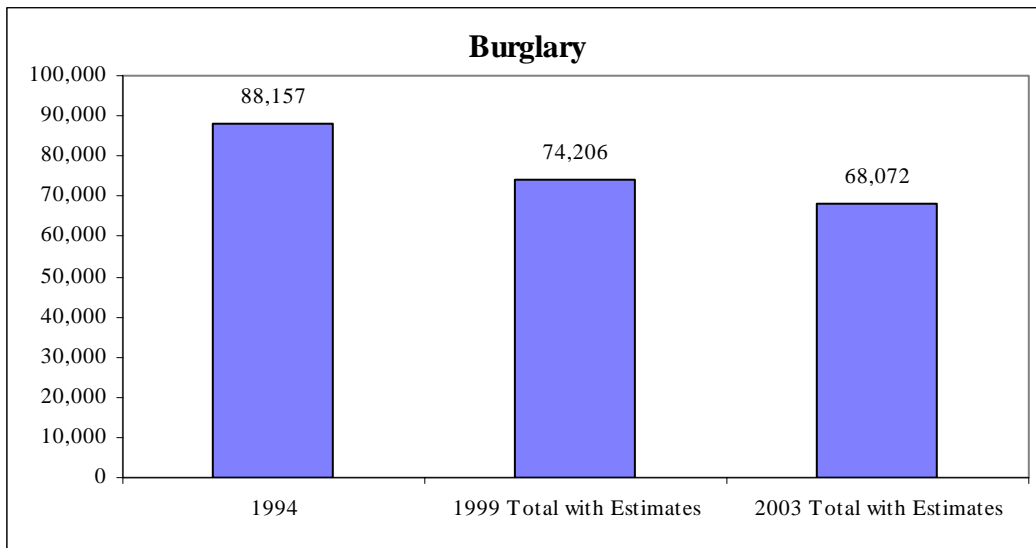
**2003 Aggravated Assault Rate = 343 per 100,000 or one crime per 292 Michigan residents**  
**Aggravated Assault decreased 8% in the last five years and 20% in the last ten years**



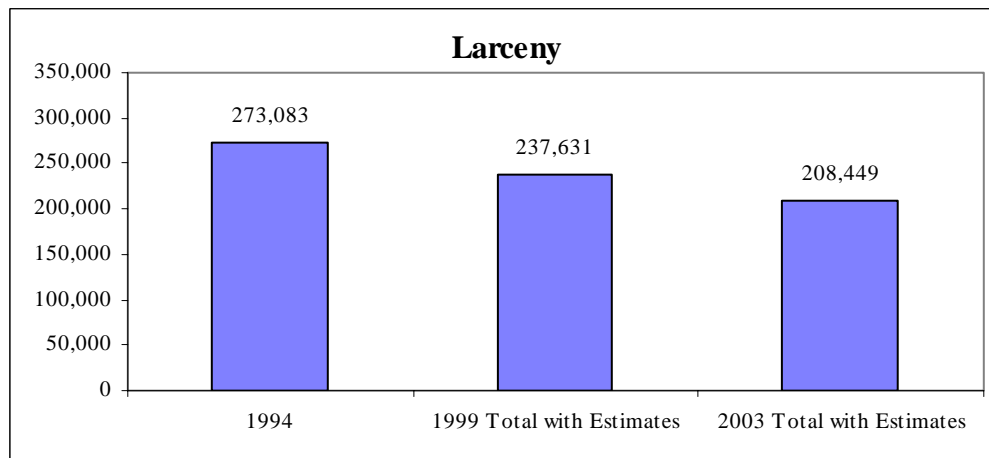
## 2003 STATE TOTAL DATA ANALYSIS/ TRENDS

### Five and Ten Year Trends

**2003 Burglary Rate = 685 per 100,000 or one crime per 146 Michigan residents**  
**Burglary decreased 8% in the last five years and 23% in the last ten years**



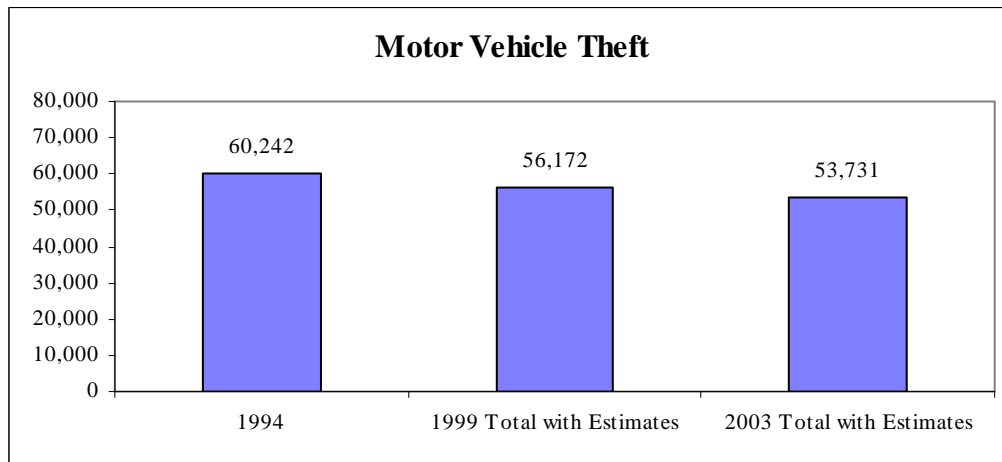
**2003 Larceny Rate = 2,097 per 100,000 or one crime per 48 Michigan residents**  
**Larceny decreased 12% in the last five years and 24% in the last ten years**



## 2003 STATE TOTAL DATA ANALYSIS/ TRENDS

### Five and Ten Year Trends

**2003 Motor Vehicle Theft Rate = 541 per 100,000 or one crime per 185 Michigan residents**  
**Motor Vehicle Theft decreased 4% in the last five years and 11% in the last ten years**



**2003 Arson Rate = 24 per 100,000 or one crime per 4,166 Michigan residents**  
**Due to an audit finding, this portion of the analysis will not be reported. Please see the Data Analysis Trends Section.**

